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TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

Yang Gao
Huan-Yu Su



2. Name and Address of Party(ies) receiving an interest:

Name: Conexant Systems, Inc.
Internal Address: 4311 Jamboree Road
Street Address: P.O. Box C
City: Newport Beach
State/Zip: California 92660-3095

Additional name(s) of conveying party(ies) attached?

 Yes No Yes No

3. Description of the interest conveyed:

- Assignment Change of Name Other:
 Security Agreement Merger

Execution Date: April 18, 2001 and April 24, 2001

4. Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/781,735

Date

B. Patent No.(s)

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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to Deposit Account No. 23-1925
8. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darin E. Bartholomew
Name of Person Signing

Signature

May 8, 2000
Date

Total number of pages including cover sheet, attachments, and document: 4

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Case No. 10508/16
10932/159
00CXT0667N

ASSIGNMENT

WHEREAS, Yang Gao and Huan-Yu Su, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SIGNAL PROCESSING SYSTEM FOR FILTERING SPECTRAL CONTENT OF A SIGNAL FOR SPEECH ENCODING, filed February 12, 2001, assigned Application Serial Number 09/781,735, and executed by the Assignors;

WHEREAS, Conexant Systems, Inc., a corporation organized and existing under the laws of Delaware, having a place of business at Newport Beach, California, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications

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that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

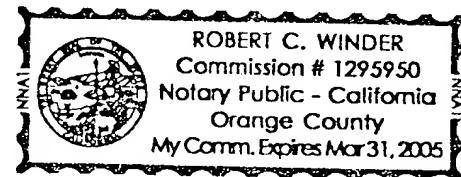
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

April 18, 2001

Yang Gao
Yang Gao

STATE OF California)
COUNTY OF Orange) ss.



I, Robert C. Winder, a Notary Public in and for the County and State aforesaid, do hereby certify that Yang Gao, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

18th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of April, 2001.

(SEAL)

My Commission Expires: 3/31/05

Robert C. Winder
Notary Public

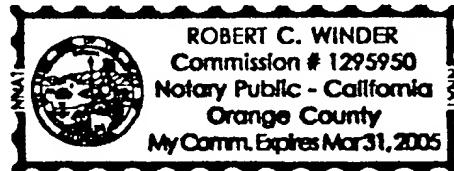
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DATED:

April 24, 2001

J. 33. if. 2001
Huan-Yu Su

STATE OF California)
) ss.
COUNTY OF Orange)



I, Robert C. Winder, a Notary Public in and for the County and State aforesaid, do hereby certify that Huan-Yu Su, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

24 IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of April, 2001.

Robert C. Winder

Notary Public

(SEAL)

My Commission Expires: 3/31/05



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Case No. 10508.16

10932.159

0CXT0667N

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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled, SIGNAL PROCESSING SYSTEM FOR FILTERING SPECTRAL CONTENT OF A SIGNAL FOR SPEECH ENCODING, the specification of which:

- is attached hereto.
 was filed on February 12, 2001 as Application Serial No. 09/781,735
 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

N/A	(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
				Yes	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

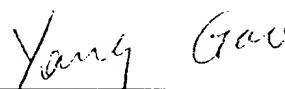
60/233,044	September 15, 2000
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

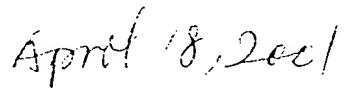
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature



Date:



Full name of sole or first inventor

Yang Gao

Residence

Mission Viejo, California

Citizenship

China

Post Office Address

26586 San Torini Road, Mission Viejo, California 92692-6101

BRINKS HOFER GILSON & LIONE

P.O. Box 10395

Chicago, IL 60610

(312) 321-4200

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Inventor's Signature

Full name of sole or first inventor

Residence

Citizenship

Post Office Address



Huan-Yu Su

San Clemente, California

USA

3009 Calle Frontera, San Clemente, California 92673-3029

Date:

April 20, 2001



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JUL 25 2001
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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/781,735	02/12/2001	Yang Gao	10508/16

CONFIRMATION NO. 7998

FORMALITIES LETTER



OC000000005871791

Darin E. Bartholomew
BRINKS HOFER GILSON & LIONE
1411 S. ALGONQUIN DR.
SCHAUMBURG, IL 60193

Date Mailed: 03/16/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

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A copy of this notice MUST be returned with the reply.

TO DOCKET CLERK:

CHECKED:

PTO ENVELOPE

DIARY/COMPUTER

ENTERED ON WORKING CARD

NOTICE OF MAILING TO PATENT OFFICE

Applicant: Gao et al
Serial No: 09/781,735
Client/Matter: 10932/159
Items Mailed: Transmittal Letter (in duplicate);
Substitution of Drawings including 8 sheets of formal
drawings; Copy of Response to Notice to File Missing Parts
previously filed on May 8, 2001; Petition and Fee for
Extension of Time (in duplicate); check for \$110; postcard

Date of Mailing: June 6, 2001

MEMO TO
SEC'Y _____
INT'L _____

PARENT CASE NO.
CLIENT/MATTER NO.

08A/508
ATTORNEY/SECRETARY

Case No. 10932/159
Applicant Gao et al

Director of The United States Patent & Trademark Office
Washington, D.C. 20231

Serial No: 09/781,735

Transmittal Letter (in duplicate); Substitution of Drawings
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2001; Petition and Fee for Extension of Time (in
duplicate); check for \$110; postcard

BRINKS HOFER GILSON & LIONE

ONE

By: Darin E. Bartholomew

Date of Mailing: June 6, 2001